

CLAIMS

- 1 1. A method comprising
2 receiving handwriting data electronically from a remote
3 user at a handwritten-information server, and
4 processing the handwriting data in accordance with
5 instructions provided to the server by the user.
- 1 2. The method of claim 1 in which the handwriting data is
2 generated using a handwriting device at the location of the remote
3 user.
- 1 3. The method of claim 1 in which the handwriting data is
2 generated by an electronic wireless pen.
- 1 4. The method of claim 1 also including
2 performing handwriting recognition at the site of the remote user.
- 1 5. The method of claim 1 also including
2 performing handwriting recognition at the handwritten-information
3 server.

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1 6. The method of claim 1 also including
2 at the location of the remote user, forming an electronic file
3 representing the handwritten information,
4 transmitting the handwritten information wirelessly to a
5 communication device, and
6 transmitting the electronically captured handwriting from the
7 communication device to the handwritten-information server.

1 7. The method of claim 1 in which the handwriting data
2 includes information identifying a destination of the handwriting
3 data.

1 8. The method of claim 1 in which the processing of the
2 handwriting data includes forwarding it to a destination.

1 9. The method of claim 8 in which the forwarding comprises
2 sending the handwriting data in FAX format.

1 10. The method of claim 8 in which the forwarding comprises
2 sending the handwriting data as an email attachment or in a body
3 of an email.

1 11. A method comprising
2 using a tracker attached to a mobile personal digital
3 assistant having wireless communication capability, tracking

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handwriting done on a writing surface in the vicinity of the
personal digital assistant,
sending handwriting data representing the handwriting
wirelessly from the personal digital assistant to a server, and
providing services to a user from the server with respect to
the handwriting data.

12. A method comprising
storing, in a server, handwriting information provided
wirelessly from mobile devices, and
communicating the handwriting to destinations based on
instructions provided by users.

13. A method comprising
storing in a server handwriting information received
wirelessly from mobile devices, and
providing an interactive user interface on a screen of a
mobile device to enable a user to control functions applied to the
handwriting information.

14. A method comprising
capturing handwriting of a name of an addressee of a
message as handwriting data representing motion that occurred
during the handwriting,

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communicating the handwriting data to a server,

at the server, determining the name from the handwriting data using information stored in a database.

15. The method of claim 14 also including asking a user for confirmation of the located address.

16. The method of claim 14 also including sending the message to the located address.

17. The method of claim 14 in which the database includes information provided by a user, the information in the database linking names with corresponding addresses.

18. A method comprising
from a server, communicating handwriting data to remote user devices, the handwriting data for each of the devices being formatted according to display capabilities of the remote user device.

19. A method comprising
receiving at a server handwriting data representing a signature of a user of a remote device,
verifying the signature based on handwriting data associated with the user and stored on the server, and

6 authorizing a transaction based on the verification of the
7 signature.

1 20. The method of claim 19 in which the authorizing includes
2 providing an authorization to a third party.

1 21. The method of claim 19 in which the transaction is
2 associated with a financial account of the user.

1 22. The method of claim 19 in which the receipt of the
2 handwriting data occurs after terms of the transaction have been
3 resolved.

1 23. The method of claim 19 in which the authorization is also
2 based on a unique identifier of a pen that is used to write the
3 signature.

1 24. The method of claim 19 also including authorizing the
2 transaction based on voice or speech recognition.

1 25. The method of claim 19 also including authorizing the
2 transaction based on a time stamp.

1 26. A method comprising
2 receiving and storing at a server handwriting information
3 that is created by users at remote locations and communicated
4 electronically to the server,

5 electronically performing services with respect to the stored
6 information, and

7 charging the users for the services performed.

1 27. A method comprising

2 receiving, at a server, handwriting data from a pen and a
3 pen identifier,

4 storing, at a server, an indication that the pen is in the
5 possession of a person not authorized to use it, and

6 in response to the received handwriting data and pen
7 identifier, determining that the pen is not being used by an
8 authorized person, and

9 taking an action in accordance with the result of the
10 matching.

1 28. A method comprising

2 receiving electronic handwriting data created by a user's
3 handwriting,

4 receiving instructions indicating visible qualities to be
5 associated with respective portions of the handwriting, and

6 manifesting the handwriting in a visible form in which each
7 of the respective portions of the handwriting is manifested in
8 accordance with the indicated visible qualities.

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1 29. The method of claim 28 in which the visible qualities
2 include color.

1 30. The method of claim 28 in which the instructions are
2 received from a handwriting instrument.

1 31. A method comprising
2 associating unique identifiers with respective electronic
3 handwriting devices that are useful in generating handwriting data,
4 in a server, storing the handwriting data and storing
5 associations between the unique identifiers of the devices and
6 registered unique identifiers of respective users, and
7 at the server, controlling use of the handwriting data based
8 on matching stored pairs of user identifiers and device identifiers
9 to confirm that the purported user of a device used to generate the
10 handwriting data is the registered user of the device.

1 32. Apparatus comprising
2 a mobile electronic device that includes
3 a communication facility configured to communicate with a remote
4 location, and
5 a tracking facility configured to track handwriting motion of a
6 stylus on a surface in a vicinity of the mobile electronic device.

1 33. The apparatus of claim 32 in which the mobile electronic
2 device comprises a mobile telephone.

1 34. The apparatus of claim 32 in which the mobile electronic
2 device includes a housing and the tracking facility is incorporated
3 within the housing.

1 35. The apparatus of claim 32 in which the mobile electronic
2 device includes a housing and the tracking facility is attached to
3 the housing.

1 36. The apparatus of claim 32 in which the mobile electronic
2 device includes a receptacle for a stylus.

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